Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044184.D
Acq On : 24 Jan 2020 16:27
Operator : CG/JU
Sample : PB126320BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126320BSD

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:34 AM

Quant Time: Jan 27 04:33:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77994	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	327748	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	216580	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	475394	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	405053	20.00	ng		-0.03
87) Perylene-d12	24.66	264	462466	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	618797	145.68	ng		-0.03
7) Phenol-d6	7.10	99	821992	138.44	ng		-0.02
23) Nitrobenzene-d5	9.08	82	437370	71.39	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	318385	140.48	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	974669	81.53	ng		-0.03
79) Terphenyl-d14	19.92	244	1458427	87.48	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	95574	51.603	ng		96
3) Pyridine	3.78	79	199192	36.406	ng		93
4) n-Nitrosodimethylamine	3.70	42	98412	40.399	ng	#	97
6) Aniline	7.25	93	238789	30.619	ng		100
8) 2-Chlorophenol	7.50	128	237519	47.630	ng		98
9) Benzaldehyde	7.06	77	120565	31.726	ng		99
10) Phenol	7.13	94	292863	47.872	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	217701	41.226	ng		100
12) 1,3-Dichlorobenzene	7.82	146	244014	41.815	ng		99
13) 1,4-Dichlorobenzene	7.96	146	245784	42.687	ng		99
14) 1,2-Dichlorobenzene	8.28	146	233626	42.273	ng		100
15) Benzyl Alcohol	8.17	79	197552	42.157	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	294947	36.102	ng		99
17) 2-Methylphenol	8.37	107	207515	46.874	ng		100
18) Hexachloroethane	9.01	117	91681	40.921	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	172317	38.970	ng		98
20) 3+4-Methylphenols	8.70	107	282942	45.814	ng		97
22) Acetophenone	8.75	105	324424	39.816	ng	#	97
24) Nitrobenzene	9.13	77	247045	40.713	ng		99
25) Isophorone	9.65	82	472275	41.088	ng		99
26) 2-Nitrophenol	9.84	139	133346	46.448	ng		98
27) 2,4-Dimethylphenol	9.91	122	225977	52.292	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	301775	39.381	ng		98
29) 2,4-Dichlorophenol	10.38	162	237904	46.152	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	234850	40.633	ng		95
31) Naphthalene	10.78	128	703806	44.376	ng		99
32) Benzoic acid	10.05	122	90602	28.648	ng		92
33) 4-Chloroaniline	10.89	127	168557	22.282	ng		99
34) Hexachlorobutadiene	11.08	225	137422	38.942	ng		96
35) Caprolactam	11.65	113	85962m	44.796	ng		
36) 4-Chloro-3-methylphenol	12.02	107	251902	45.904	ng		98
37) 2-Methylnaphthalene	12.39	142	528123	44.229	ng		97
38) 1-Methylnaphthalene	12.61	142	501107	44.280	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	250804	39.509	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	329118	100.005 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	184901	42.332 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	200324	44.467 ng	99
46) 1,1'-Biphenyl	13.40	154	659911	42.497 ng	99
47) 2-Chloronaphthalene	13.44	162	522085	41.607 ng	98
48) 2-Nitroaniline	13.64	65	162130	40.168 ng	99
49) Acenaphthylene	14.29	152	829481	45.992 ng	97
50) Dimethylphthalate	14.02	163	665497	43.276 ng	98
51) 2,6-Dinitrotoluene	14.13	165	151650	43.630 ng	98
52) Acenaphthene	14.63	154	523821	41.416 ng	97
53) 3-Nitroaniline	14.46	138	113135	28.663 ng	98
54) 2,4-Dinitrophenol	14.67	184	145417	81.976 ng	99
55) Dibenzofuran	14.97	168	802957	46.117 ng	96
56) 4-Nitrophenol	14.78	139	280635	92.782 ng	96
57) 2,4-Dinitrotoluene	14.92	165	215366	45.537 ng	98
58) Fluorene	15.61	166	633989	45.941 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	178225	46.008 ng	97
60) Diethylphthalate	15.39	149	685928	44.596 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	327313	43.680 ng	97
62) 4-Nitroaniline	15.63	138	158089	40.559 ng	95
63) Azobenzene	15.90	77	645340	45.242 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	121228	49.357 ng	98
66) n-Nitrosodiphenylamine	15.82	169	598732	42.767 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	214017	40.028 ng	98
68) Hexachlorobenzene	16.62	284	232531	40.361 ng	98
69) Atrazine	16.77	200	223796	49.179 ng	98
70) Pentachlorophenol	16.96	266	246588	77.643 ng	98
71) Phenanthrene	17.35	178	1019683	44.718 ng	98
72) Anthracene	17.44	178	1045988	46.416 ng	97
73) Carbazole	17.71	167	931931	44.770 ng	97
74) Di-n-butylphthalate	18.27	149	1150521	43.290 ng	97
75) Fluoranthene	19.36	202	1179295	45.222 ng	96
77) Benzidine	19.54	184	480050	47.150 ng	99
78) Pyrene	19.72	202	1178010	44.555 ng	96
80) Butylbenzylphthalate	20.61	149	539580	42.866 ng	96
81) Benzo(a)anthracene	21.54	228	1119814	44.585 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	314185	31.663 ng	99
83) Chrysene	21.60	228	1075032	45.046 ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	756867	43.577 ng	97
85) Di-n-octyl phthalate	22.63	149	1323551	45.328 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1378879	42.515 ng	99
88) Benzo(b)fluoranthene	23.68	252	1178243	43.096 ng	98
89) Benzo(k)fluoranthene	23.75	252	1144838	44.035 ng	98
90) Benzo(a)pyrene	24.52	252	1093583	42.380 ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1144152	44.150 ng	97
92) Benzo(g,h,i)perylene	29.28	276	1150616	44.699 ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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